INTERNATIONAL SEARCH REPORT

International application No. PCT/NO 2004/000370

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: B65G 45/16
According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: B65G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

X Further documents are listed in the continuation of Box C.

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Х	EP 0338118 A1 (NIPPON TSUSHO KABUSHIKI KAISHA), 25 October 1989 (25.10.1989), column 5, line 45 - column 8, line 36, figures 1,6,4,13, abstract	1-18
		
х	US 5213197 A (TOYOSHIGE MOHRI), 25 May 1993 (25.05.1993), whole document	1-15
		
x	US 5339947 A (LUIGI CAMPANILE), 23 August 1994 (23.08.1994), figures 1,2,3	1
		
х	US 5845761 A (EMMANUEL DAVIDTS ET AL), 8 December 1998 (08.12.1998), whole document	1
		

** "A"	Special categories of cited documents: document defining the general state of the art which is not considered	"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand		
"E"	to be of particular relevance earlier application or patent but published on or after the international	"X"	the principle or theory underlying the invention document of particular relevance; the claimed invention cannot be		
"L"	filing date document which may throw doubts on priority claim(s) or which is		considered novel or cannot be considered to involve an inventive step when the document is taken alone		
	cited to establish the publication date of another citation or other special reason (as specified)	"Y"	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is		
" 0"	means		combined with one or more other such documents, such combination being obvious to a person skilled in the art		
"P"	document published prior to the international filing date but later than the priority date claimed	"& "	document member of the same patent family		
Dat	e of the actual completion of the international search	Date	of mailing of the international search report		
8	April 2005		1 5 -04- 2005		
Nan	ne and mailing address of the ISA/	Autho	rized officer		
Swe	edish Patent Office		· · · · · · · · · · · · · · · · · · ·		
Box 5055, S-102 42 STOCKHOLM		Ann Börjesson/MP			
Fac	Facsimile No. +46 8 666 02 86		Telephone No. + 46 8 782 25 00		

χ See patent family annex.

Form PCT/ISA/210 (second sheet) (January 2004)

INTERNATIONAL SEARCH REPORT

International application No.
PCT/NO 2004/000370

ategory*	Citation of document, with indication, where appropriate, of the relevant passag	ges Relevant to claim N
K .		1
`	EP 1065158 A1 (NIPPON TSUSHO KABUSHIKI KAISHA), 3 January 2001 (03.01.2001), whole document	
Ï		
Ĭ		
		j
1		
Ì		
ľ		
		1

INTERNATIONAL SEARCH REPORT

Information on patent family members

01/03/2005

International application No. PCT/NO 2004/000370

EP	0338118	A1	25/10/1989	AU	592714 B	18/01/1990
L 1	0556110	712	23/10/1303	ÜA	2098088 A	19/10/1989
				DE	3885605 D,T	03/03/1994
				ES	2045040 T	16/01/1994
				JP	1267208 A	25/10/1989
				JP	1855261 C	07/07/1994
				JP	2016411 U	
				JP	5065407 B	01/02/1990
				JP 	3003407 B	17/09/1993
US	5213197	Α	25/05/1993	CA	2055538 A	16/05/1992
				EP	0486112 A	20/05/1992
				JP	2580627 Y	10/09/1998
				JP	4292320 A	16/10/1992
				JP	5013459 U	23/02/1993
				KR	199533 B	15/06/1999
				AU	655950 B	19/01/1995
				AU	8796691 A	21/05/1992
				JP	4182212 A	29/06/1992
				JP	4092029 U	11/08/1992
				JP	4223916 A	13/08/1992
				JP	7052174 Y	29/11/1995
US	5339947	Α	23/08/1994	EP	0634347 A	18/01/1995
US	5845761	Α	08/12/1998	AT	155432 T	15/08/1997
03	3043701	^	VO/ 12/ 1330	ÂÜ	675853 B	20/02/1997
				AU	6874694 A	16/02/1995
				BE	1007319 A	16/05/1995
				CA	2129296 A,C	04/02/1995
				DE	69404235 D,T	18/12/1997
				DK	637560 T	09/02/1998
				EP	0637560 A,B	08/02/1995
				SE	0637560 T3	00/02/1333
				ES	2105594 T	16/10/1997
				GR	3024519 T	28/11/1997
				JP	3383422 B	04/03/2003
				JP	7196131 A	01/08/1995
				ZA	9405741 A	14/03/1995
EP	1065158	A1	03/01/2001	AU	738998 B	04/10/2001
				AU	3779300 A	04/01/2001
				CA	2310313 A	28/01/2001
				CN	1107011 B,C	30/04/2003
				CN	1284471 A	21/02/2001
				DE	60008638 D,T	05/08/2004
				ES	2215519 T	16/10/2004
				JP	3080308 B	28/08/2000
				JP	2001010716 A	16/01/2001
				US	6227350 B	08/05/2001